

What is claimed is:

1. A commodity order-taking method comprising the steps of:

5 taking an order for a commodity from each customer in advance, recoding the order on a slip, and then handing the slip to the customer before the order is accepted at an order window;

10 passing the slip from the customer to the order window when the customer comes to the order window;

reading the slip using a reader at the order window; and  
entering it into a register, thereby identifying the customer at the order window with order contents.

15 2. A commodity order-taking apparatus comprising:

a reading means for reading the contents of a slip having a commodity name and its quantity recorded thereon at specific locations; and

20 a commodity-registering means connected to the reading means for registering a commodity ordered, its quantity, and a selling price according to the read contents of the slip, the commodity-registering means including a set price-storing means for storing a position and unit price of each commodity name presented on the slip and a calculating  
25 means for checking position data read from the slip by the

reading means against position data stored in the set price-  
storing means according to the slip, thereby determining the  
commodity and then calculating the selling price on the basis  
of the quantity of the determined commodity.

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3. A commodity order-taking method comprising the steps  
of:

taking an order for a commodity from each customer in  
advance, recoding the order and a customer number on a slip,  
10 and registering the order and the customer number into a  
register before the order is accepted at an order window; and

entering the customer number into the register when the  
customer comes to the order window, thereby identifying the  
customer at the order window with order contents.

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4. A commodity order-taking apparatus comprising:

an input means for entering the contents of a slip having  
a commodity name, its quantity, and a customer number  
recorded thereon;

20 a storage means for storing the entered commodity  
name, quantity, and customer number; and

a calculating means for entering the customer number  
via the input means in order to read from the storage means  
the commodity name and quantity identified by the customer  
25 number, thereby calculating a selling price on the basis of

the quantity.

5. A commodity order-taking method comprising the steps of:

5 taking an order for a commodity from each customer in advance, registering the order into a register, and then handing to the customer a receipt containing a receipt number, before the order is accepted at an order window;

10 receiving the receipt from the customer when the customer comes to the order window; and

entering the receipt number into the register, thereby identifying the customer at the order window with order contents.

15 6. A commodity order-taking apparatus comprising:

an input means for entering a commodity name and its quantity;

20 a receipt-issuing means for issuing a receipt containing the entered commodity name and quantity as well as a receipt number;

a storage means for storing the entered commodity name and quantity as well as the receipt number; and

25 a calculating means for entering the receipt number via the input means in order to read from the storage means the commodity name and quantity identified by the receipt

number, thereby calculating a selling price from the quantity.

7. A commodity order-taking method comprising the steps of:

5 taking an order for a commodity from each customer in advance, transmitting the order to a controller by wireless, and then handing to the customer a tag capable of sending out an identification number, before the order is accepted at an order window;

10 receiving the identification number from the tag when the customer comes to the order window; and

transmitting the identification number to the controller, thereby identifying the customer at the order window with order contents.

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8. A commodity order-taking apparatus comprising:

a tag capable of transmitting an identification number;

20 a portable terminal means for entering and then transmitting commodity data by wireless, the commodity data including a commodity name, its quantity, and a selling price as well as the identification number;

a receiving means for receiving the commodity data from the portable terminal means;

25 a responding means for receiving the identification number from the tag; and

a control means for retrieving specific commodity data from among the commodity data received by the receiving means, the specific commodity data being identified by the identification number entered from the responding means.

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9. A commodity order-taking method comprising the steps of:

taking an order for a commodity from each customer in advance, transmitting the order to a controller by wireless, and then handing the customer a receipt showing a receipt number, before the order is accepted at an order window;

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reading the receipt number using a barcode reader when the customer comes to the order window; and

sending the receipt number to the controller, thereby identifying the customer at the order window with order contents.

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10. A commodity order-taking apparatus comprising:

a portable terminal means for entering and then transmitting commodity data by wireless, the commodity data including a commodity name, its quantity, and a selling price as well as a receipt number, the portable terminal means further for issuing a receipt having the receipt number printed thereon in a barcode;

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a receiving means for receiving the commodity data from

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a reading means for reading the receipt number in the barcode from the receipt; and

5 from among the commodity data received by the receiving means, the specific commodity data being identified by the receipt number entered from the reading means.

10 taking method comprising the steps of:

taking an order for a commodity from each customer in advance, recoding the order on a slip, and then handing the slip to the customer before the order is accepted at an order window;

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15      passing the slip from the customer to the order
      window when the customer comes to the order window;

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reading the slip using a reader at the order window;  
and

entering it into a register, thereby identifying the  
20 customer at the order window with order contents.

12. A drive-through system provided with a commodity order-taking apparatus comprising:

a reading means for reading the contents of a slip  
25 having a commodity name and its quantity recorded thereon

at specific locations; and

5 a commodity-registering means connected to the reading means for registering a commodity ordered, its quantity, and a selling price according to the read contents of the slip, the commodity-registering means including a set price-storing means for storing a position and unit price of each commodity name presented on the slip and a calculating means for checking position data read from the slip by the reading means against position data stored in the set price-storing means according to the slip, thereby determining the commodity and then calculating the selling price on the basis of the quantity of the determined commodity.

13. A drive-through system employing a commodity order-taking method comprising the steps of:

15 taking an order for a commodity from each customer in advance, recoding the order and a customer number on a slip, and registering the order and the customer number into a register before the order is accepted at an order window; and  
20 entering the customer number into the register when the customer comes to the order window, thereby identifying the customer at the order window with order contents.

14. A drive-through system provided with a commodity order-taking apparatus comprising:

an input means for entering the contents of a slip having a commodity name, its quantity, and a customer number recorded thereon;

a storage means for storing the entered commodity  
5 name, quantity, and customer number; and

a calculating means for entering the customer number via the input means in order to read from the storage means the commodity name and quantity identified by the customer number, thereby calculating a selling price on the basis of  
10 the quantity.

15. A drive-through system employing a commodity order-taking method comprising the steps of:

taking an order for a commodity from each customer  
15 in advance and then registering the order into a register, and then handing to the customer a receipt containing a receipt number, before the order is accepted at an order window;

receiving the receipt from the customer when the customer comes to the order window; and

20 entering the receipt number into the register, thereby identifying the customer at the order window with order contents.

16. A drive-through system provided with a commodity  
25 order-taking apparatus comprising:



an input means for entering a commodity name and its quantity;

a receipt-issuing means for issuing a receipt containing the entered commodity name and quantity as well  
5 as a receipt number;

a storage means for storing the entered commodity name and quantity as well as the receipt number; and

a calculating means for entering the receipt number via the input means in order to read from the storage means the  
10 commodity name and quantity identified by the receipt number, thereby calculating a selling price from the quantity.

17. A drive-through system employing a commodity order-taking method comprising the steps of:

15 taking an order for a commodity from each customer in advance, transmitting the order to a controller by wireless, and then handing to the customer a tag capable of sending out an identification number, before the order is accepted at an order window;

20 receiving the identification number from the tag when the customer comes to the order window; and

transmitting the identification number to the controller, thereby identifying the customer at the order window with order contents.

18. A drive-through system provided with a commodity order-taking apparatus comprising:

a tag capable of transmitting an identification number;

5 a portable terminal means for entering and then transmitting commodity data by wireless, the commodity data including a commodity name, its quantity, and a selling price as well as the identification number;

10 a receiving means for receiving the commodity data from the portable terminal means;

a responding means for receiving the identification number from the tag; and

15 a control means for retrieving specific commodity data from among the commodity data received by the receiving means, the specific commodity data being identified by the identification number entered from the responding means.

19. A drive-through system employing a commodity order-taking method comprising the steps of:

taking an order for a commodity from each customer in advance, transmitting the order to a controller by wireless, and then handing the customer a receipt showing a receipt number, before the order is accepted at an order window;

25 reading the receipt number using a barcode reader

when the customer comes to the order window; and

then sending the receipt number to the controller, thereby identifying the customer at the order window with order contents.

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20. A drive-through system provided with a commodity order-taking apparatus comprising:

a portable terminal means for entering and then transmitting commodity data by wireless, the commodity data including a commodity name, its quantity, and a selling price as well as a receipt number, the portable terminal means further for issuing a receipt having the receipt number printed thereon in a barcode;

a receiving means for receiving the commodity data from the portable terminal means;

a reading means for reading the receipt number in the barcode from the receipt; and

a control means for retrieving specific commodity data from among the commodity data received by the receiving means, the specific commodity data being identified by the receipt number entered from the reading means.